

Course Name: A Level (2nd Sem)
Topic: Applets in Java(contd)

Subject: JAVA
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Changing Text Font:

```
import java.applet.*;
import java.awt.*;

public class G1 extends Applet
{
    public void paint(Graphics g)
    {
        Font f = new Font("Arial", Font.BOLD, 36);
        g.setFont(f);
        g.setColor(Color.GREEN);
        g.drawString("A Level class", 10, 100);
    }
}
```

Filling Shapes:

```
import java.applet.*;
import java.awt.*;
public class G2 extends Applet
{
    public void paint(Graphics g)
    {
        setBackground(Color.BLACK);           //setting background as BLACK
        g.setColor(new Color(255,255,255));
        g.drawLine(10, 10, 400, 10); //g.drawLine(x1, y1, x2, y2);
        g.setColor(Color.red);
        g.fillRect(30,30,200,100); //g.fillRect(x, y, w, h);
        g.setColor(new Color(80,10,124));
        g.fillOval(30,30,200,100); //g.fillOval(x, y, w, h);
        g.setColor(Color.BLUE);
        g.fillArc(100, 20, 300, 300, 0, 90); //g.fillArc(x, y, w, h, Starting Angle, Further
        Angle);
    }
}
```

Drawing Polygon:

```
import java.awt.*;
import java.applet.*;
public class G3 extends Applet
{
public void paint(Graphics g)
{
    int x[] = { 70, 150, 190, 80, }; // these are coordinates
    int y[] = { 80, 110, 160, 190, };

g.drawPolygon (x, y, 4); <---third parameter is number of side of polygon

    int x1[] = { 143, 122, 120, 200, };
    int y1[] = { 60, 210, 110, 150, };
    g.fillPolygon (x1, y1,4);
}
}
```

Here we are drawing polygons of different sides.